



PATENT

INSTITUT FRANÇAIS DU PETROLE

**PROCESS AND DEVICE INTENDED FOR REGENERATION OF USED  
ABSORBENTS FROM THERMAL GENERATOR FUMES TREATMENT**

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**ABSTRACT**

Process and device intended for regeneration of a used absorbent from a desulfurization zone or of a gas containing sulfur oxides, comprising regeneration simultaneously with filtering of said absorbent, in a reducing atmosphere, wherein partial combustion of a regeneration gas is also carried out upstream from regeneration, the products of said partial combustion being mixed with the used absorbent prior to the regeneration-filtration stage.